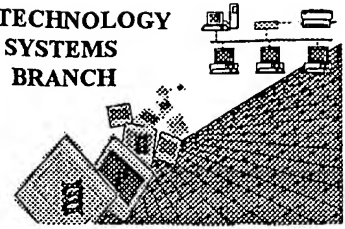


ep

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/649,952
Source: 0/16
Date Processed by STIC: 9/5/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIPE

RAW SEQUENCE LISTING

DATE: 09/05/2003

PATENT APPLICATION: US/10/649,952

TIME: 08:59:55

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09052003\J649952.raw

3 <110> APPLICANT: SUNTORY LIMITED
 4 SUNTORY BIOMEDICAL RESEARCH LIMITED
 6 <120> TITLE OF INVENTION: Promoters of the growth and/or differentiation of
 hematopoietic stem
 7 cells and/or
 8 hematopoietic progenitors
 10 <130> FILE REFERENCE: YCT-785
 12 <140> CURRENT APPLICATION NUMBER: US/10/649,952
 12 <141> CURRENT FILING DATE: 2003-08-29
 12 <150> PRIOR APPLICATION NUMBER: JP 2001-400330
 W--> 13 <151> PRIOR FILING DATE: December 28, 2001 2001-12-28 ← use this date format
 15 <160> NUMBER OF SEQ ID NOS: 4
 E--> 17 <200> 1

<210> → <200> is invalid

ERRORED SEQUENCES

18 <211> LENGTH: 166
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Human
 21 <223> OTHER INFORMATION: Amino acid sequence of human Cofilin.

Does Not Comply
 Corrected Diskette Needed

→ <220> insert this
 mandatory

numeric
 identifier
 whenever <221>
 <222>, or <223>
 is shown

23 <400> SEQUENCE: 1
 24 Met Ala Ser Gly Val Ala Val Ser Asp Gly Val Ile Lys Val Phe Asn
 25 5 10 15
 26 Asp Met Lys Val Arg Lys Ser Ser Thr Pro Glu Glu Val Lys Lys Arg
 27 20 25 30
 28 Lys Lys Ala Val Leu Phe Cys Leu Ser Glu Asp Lys Lys Asn Ile Ile
 29 35 40 45
 30 Leu Glu Glu Gly Lys Glu Ile Leu Val Gly Asp Val Gly Gln Thr Val
 31 50 55 60
 32 Asp Asp Pro Tyr Ala Thr Phe Val Lys Met Leu Pro Asp Lys Asp Cys
 33 65 70 75 80
 34 Arg Tyr Ala Leu Tyr Asp Ala Thr Tyr Glu Thr Lys Glu Ser Lys Lys
 35 85 90 95
 36 Glu Asp Leu Val Phe Ile Phe Trp Ala Pro Glu Ser Ala Pro Leu Lys
 37 100 105 110
 38 Ser Lys Met Ile Tyr Ala Ser Ser Lys Asp Ala Ile Lys Lys Lys Leu
 39 115 120 125
 40 Thr Gly Ile Lys His Glu Leu Gln Ala Asn Cys Tyr Glu Glu Val Lys
 41 130 135 140
 42 Asp Arg Cys Thr Leu Ala Glu Lys Leu Gly Gly Ser Ala Val Ile Ser
 43 145 150 155 160
 44 Leu Glu Gly Lys Pro Leu

RAW SEQUENCE LISTING

DATE: 09/05/2003

PATENT APPLICATION: US/10/649,952

TIME: 08:59:55

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09052003\J649952.raw

45 ^{<2107} 165

E--> 47 ^{<200>} 2

48 <211> LENGTH: 501

49 <212> TYPE: DNA

50 <213> ORGANISM: Human ^{> <2207}

51 <223> OTHER INFORMATION: Nucleotide sequence of human Cofilin.

OK> 53 <400> SEQUENCE: 2

54 atggcctccg gtgtggctgt ctctgatggt gtcacaaagg tgttcaacga catgaagggtg 60

55 cgtaagtctt caacgccaga ggaggtgaag aagcgcaaga aggcggtgct cttctgcctg 120

56 agtgaggaca agaagaacat catcctggag gagggcaagg agatcctggt gggcgatgtg 180

57 ggccagactg tcgacgatcc ctacgccacc tttgtcaaga tgctgccaga taaggactgc 240

58 cgctatgccc tctatgatgc aacctatgag accaaggaga gcaagaagga ggatctggtg 300

59 tttatcttct gggcccccgga gtctgcgccc cttaagagca aaatgattta tgccagctcc 360

60 aaggacgcca tcaagaagaa gctgacagg atcaagcatg aattgcaagc aaactgctac 420

61 gaggaggtca aggaccgctg caccctggca gagaagctgg ggggcagtgc ggatcatctcc 480

62 ctggagggca agcctttgtg a 501

E--> 64 ^{<200>} 3 ^{> <2107}

65 <211> LENGTH: ²⁵ 26 s Low below

66 <212> TYPE: DNA

67 <213> ORGANISM: Artificial sequence

W--> 68 ^{<220>} FEATURE: ^{insert <2207}

68 <223> OTHER INFORMATION: Primer sequence for amplifying human Cofilin gene.

OK> 70 <400> SEQUENCE: 3

E--> 71 atggcctccg gtgtggctgt ctctga ^{(25) 26}

E--> 73 ^{<200>} 4 ^{> <2107}

74 <211> LENGTH: 26

75 <212> TYPE: DNA

76 <213> ORGANISM: Artificial sequence

W--> 77 <220> FEATURE: ^{insert <2207}

77 <223> OTHER INFORMATION: Primer sequence for amplifying human Cofilin gene.

OK> 79 <400> SEQUENCE: 4

80 tctccctgga gggcaagcct ttgtga 26

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/649,952

DATE: 09/05/2003

TIME: 08:59:56

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09052003\J649952.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:17 M:250 E: Invalid Numeric Identifier, INVALID IDENTIFIER
L:23 M:282 E: Numeric Field Identifier Missing, <210> is required.
L:23 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:0
L:23 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:1
L:47 M:250 E: Invalid Numeric Identifier, INVALID IDENTIFIER
L:53 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:0
L:53 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:2
L:64 M:250 E: Invalid Numeric Identifier, INVALID IDENTIFIER
L:68 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:0
L:70 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:0
L:70 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:3
L:71 M:254 E: No. of Bases conflict, LENGTH:Input:25 Counted:26 SEQ:3
L:71 M:252 E: No. of Seq. differs, <211> LENGTH:Input:25 Found:26 SEQ:3
L:73 M:250 E: Invalid Numeric Identifier, INVALID IDENTIFIER
L:77 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:0
L:79 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:0
L:79 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:4